

# Converting Colors

Hex(9243C2)

Have a look what the booklet for  
Hex(9243C2) contains.

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# Color

Hex(9243C2)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9243C2
RGB	146, 67, 194
RGB Percent	57%, 26%, 76%
CMY	0.4275, 0.7373, 0.2392
CMYK	0.25, 0.65, 0.00, 0.24
HSL	277°, 51%, 51%
HSV	277°, 65%, 76%
XYZ	23.5988, 14.0203, 52.5013
YIQ	105.0990, 6.3170, 56.2450

# Conversions

## Conversions Part 2

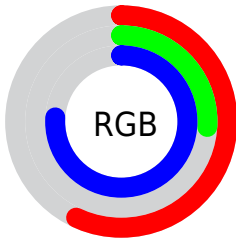
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	146, 67, 194
Decimal	9585602
CIE Lab	44.26, 54.51, -52.93
CIE LCh	44, 75.980, 315.841
Yxy	14.0203, 0.2619, 0.1556
Android (android.graphics.Color)	4287775682 (0xFF9243C2)
YUV	105.0990, 43.8282, 35.8702
Hunter-Lab	37.4437, 46.9726, -56.9222

# Details

The Hex color **9243C2** is a dark color, and the websafe version is hex **9933CC**. The color can be described as middle muted purple. A complement of this color would be **73C243**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **CB78FB**, and **5B058B** is the 20% darker color. If you saturate the color by 10%, you get **8B30C2**, and if you desaturate by 10%, it is **9956C2**.

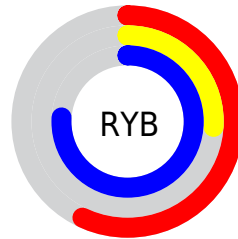
# Distribution



Red (57%)

Green (26%)

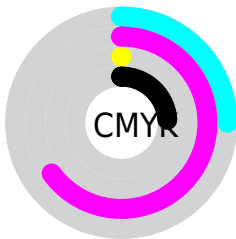
Blue (76%)



Red (57%)

Yellow (26%)

Blue (76%)

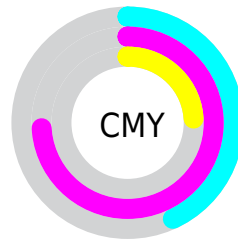


Cyan (25%)

Magenta (65%)

Yellow (0%)

Black (24%)



Cyan (43%)

Magenta (74%)

Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9243C2 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 9243C2 by changing the saturation by 10% instead.



9243C2

9243C2

FFFFFF

7628A6

CB78FB

5B058B

E893FF

3F0071

FFAFFF

230058

FFCBFF

000040

FFE8FF

000329

000113

000000

9243C2

9243C2

8B30C2

9956C2

831CC2

A16AC2

7C09C2

A87DC2

7900C2

AF91C2

B7A4C2

BEB7C2

C5CBC2

CDDEC2

D4F2C2

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



0066E4



9243C2



C70189

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



9243C2



985B00



00838A

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



9243C2



73C243

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



008147



9243C2



617000

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



9243C2



C03706



007C00



0081C3

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



9243C2



D3005F



007C00



008274



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



9243C2



E9CAFC



4374C2



746180



000000



808080



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



9243C2



B135FC



C243B3



5D5761



6400A1



150021



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



C24373



FC3580



43C252



61575B



A1003D

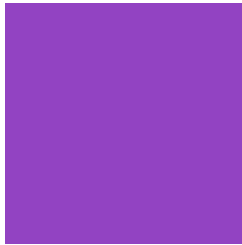


21000D



# Previews

## White Background



This preview shows how the Hex color 9243C2 looks on a white background.

## Color Contrast Check

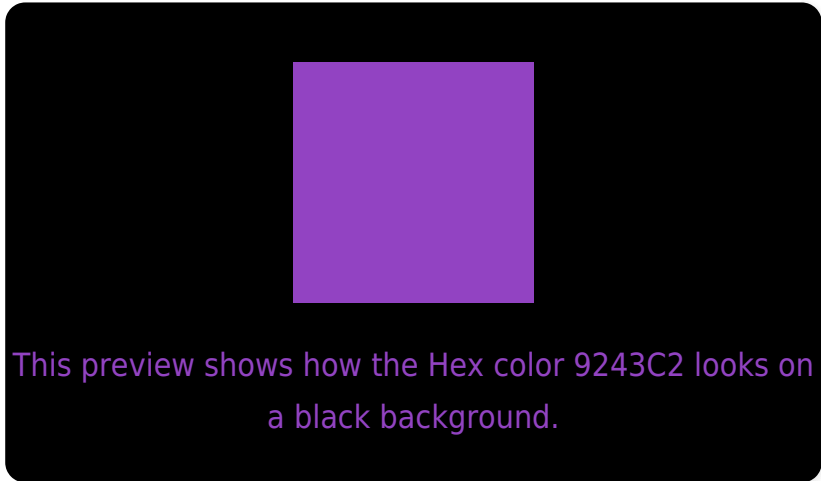
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

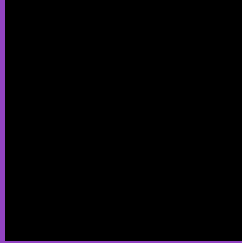
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 9243C2 Background



This preview shows how black text looks on a background with the Hex color 9243C2.

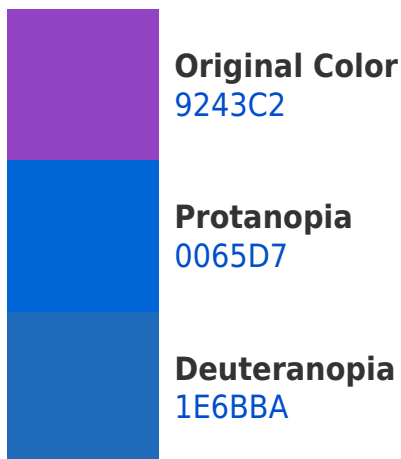


This preview shows how white text looks on a background with the Hex color 9243C2.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

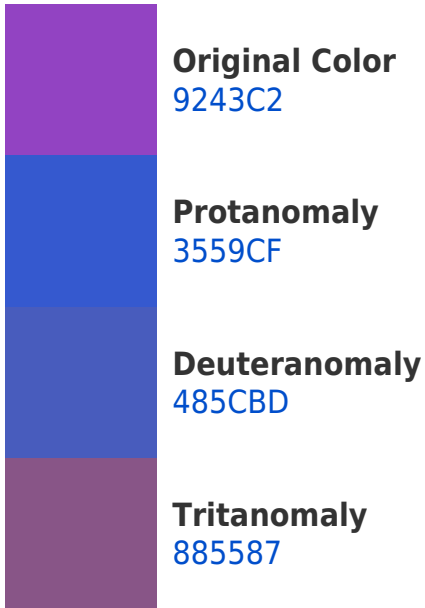
## Dichromacy



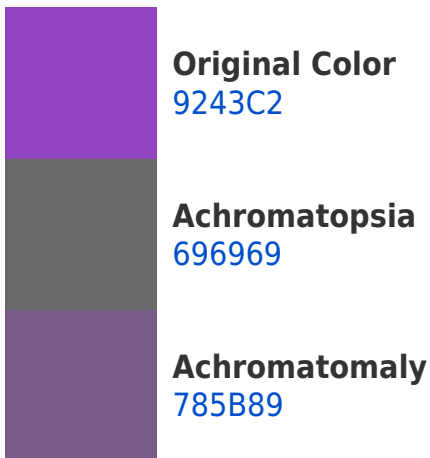


**Tritanopia**  
835F66

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9243C2 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #9243C2 looks like.

```
.text, #text, p{  
    color:#9243C2  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #9243C2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9243C2
}
```

## Border

The CSS property to change the border of an element to Hex 9243C2 is called "border". The border property can be set on classes, ids or directly on the HTML element.

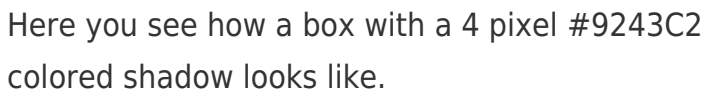
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9243C2 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#9243C2 }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel #9243C2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9243C2; -webkit-box-shadow:4px 4px  
4px 4px #9243C2; box-shadow:4px 4px 4px  
4px #9243C2 }
```

# Background

The CSS property to change the background color of an element to Hex 9243C2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9243C2 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#9243C2 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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